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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|---|---|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | <b>Attorney Docket No.</b> UF-10488R        |   |
|   | <b>First Inventor</b> Small                 |   |
|   | <b>Title</b>                                | AERODYNAMICALLY LIGHT VACCINE FOR ACTIVE PULMONARY IMMUNIZATION |
|   | <b>Express Mail Label No.</b> ET756256275US |   |

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|--|---|
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents.</i> | <b>ADDRESS TO:</b> Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231 |
|--|---|

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|--|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i>  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  |
| 2. <input checked="" type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.   | 8. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i>   |
| 3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages 24]</span><br><i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings <i>(if filed)</i></li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> | a. <input type="checkbox"/> Computer Readable Form (CRF)   |
| 4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets 0]</span>   | b. Specification Sequence Listing on: <ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> paper</li></ul> |
| 5. <input type="checkbox"/> Oath or Declaration <span style="float: right;">[Total Sheets 2]</span> <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br/><i>(for continuation/divisional with Box 18 completed)</i><ul style="list-style-type: none"><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li></ul></li></ul>   | c. <input type="checkbox"/> Statements verifying identity of above copies  |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76  |  |

|   |   |
|---|---|
| <b>ACCOMPANYING APPLICATION PARTS</b>   |   |
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))   |   |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i> |   |
| 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>  |   |
| 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations                     |   |
| 13. <input type="checkbox"/> Preliminary Amendment  |   |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i>                            |   |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>                                    |   |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.     |   |
| 17. <input type="checkbox"/> ther: .....  | O |

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

|                                       |                                     |   |                                 |
|---------------------------------------|-------------------------------------|---|---------------------------------|
| <input type="checkbox"/> Continuation | <input type="checkbox"/> Divisional | <input type="checkbox"/> Continuation-in-part (CIP) | of prior application No.: _____ |
|---------------------------------------|-------------------------------------|---|---------------------------------|

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

|  |   |     |  |
|--|---|-----|--|
| <b>19. CORRESPONDENCE ADDRESS</b>  |   |     |  |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label  | 29847   |     | or <input type="checkbox"/> Correspondence address below |
| Name   | Timothy H. Van Dyke   |     |  |
| Address  | Van Dyke & Associates, P.A., 1630 Hillcrest Street, Orlando, FL 32803 USA |     |  |
| Telephone  | 407-228-0328  | Fax | 407-228-0329   |
| I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Box Patent Application, PO Box 2327 Arlington, VA 22202. |   |     |  |
| By:  | Express Mail No: ET756256275US  |     | Date: 12-3-2001  |

|                   |                     |                                   |           |
|-------------------|---------------------|-----------------------------------|-----------|
| Name (Print/type) | Timothy H. Van Dyke | Registration No. (Attorney/Agent) | 43218     |
| Signature         |                     | Date                              | 12-3-2001 |

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# FEE TRANSMITTAL for FY 2001

*Patent fees are subject to annual revision.*

## Complete if Known

|                      |               |
|----------------------|---------------|
| Application Number   | Not available |
| Filing Date          | 12/3/2001     |
| First Named Inventor | Small         |
| Examiner Name        | Unknown       |
| Group Art Unit       | Unknown       |

TOTAL AMOUNT OF PAYMENT (\$)**760.00**

Attorney Docket No. UF-10488R

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number   
Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description        | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 101                   | 740                   | 201                   | 370                   | Utility filing fee     | \$370.00 |
| 106                   | 330                   | 206                   | 165                   | Design filing fee      |          |
| 107                   | 510                   | 207                   | 255                   | Plant filing fee       |          |
| 108                   | 740                   | 208                   | 370                   | Reissue filing fee     |          |
| 114                   | 160                   | 214                   | 80                    | Provisional filing fee |          |

SUBTOTAL (1) (\$)**370.00**

### 2. EXTRA CLAIM FEES

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 40                 | -20**= 20 X  | 9.00           | 180.00   |
| 8                  | -3**= 5 X    | 42.00          | 210.00   |
| Multiple Dependent |              |                |          |

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description   |
|-----------------------|-----------------------|-----------------------|-----------------------|---|
| 103                   | 18                    | 203                   | 9                     | Claims in excess of 20                                    |
| 102                   | 84                    | 202                   | 42                    | Independent claims in excess of 3                         |
| 104                   | 280                   | 204                   | 140                   | Multiple dependent claim, if not paid                     |
| 109                   | 84                    | 209                   | 42                    | **Reissue independent claims over original patent         |
| 110                   | 18                    | 210                   | 9                     | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)**390.00**

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Fee Code | Large Entity Fee (\$) | Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|----------|-----------------------|----------|-----------------------|--|----------|
| 105      | 130                   | 205      | 65                    | Surcharge - late filing fee or oath  |          |
| 127      | 50                    | 227      | 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139      | 130                   | 139      | 130                   | Non-English specification  |          |
| 147      | 2,520                 | 147      | 2,520                 | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112      | 920*                  | 112      | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 113      | 1,840*                | 113      | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 115      | 110                   | 215      | 55                    | Extension for reply within first month                                     |          |
| 116      | 400                   | 216      | 200                   | Extension for reply within second month                                    |          |
| 117      | 920                   | 217      | 460                   | Extension for reply within third month                                     |          |
| 118      | 1,440                 | 218      | 720                   | Extension for reply within fourth month                                    |          |
| 128      | 1,960                 | 228      | 980                   | Extension for reply within fifth month                                     |          |
| 119      | 320                   | 219      | 160                   | Notice of Appeal   |          |
| 120      | 320                   | 220      | 160                   | Filing a brief in support of an appeal                                     |          |
| 121      | 280                   | 221      | 140                   | Request for oral hearing   |          |
| 138      | 1,510                 | 138      | 1,510                 | Petition to institute a public use proceeding                              |          |
| 140      | 110                   | 240      | 55                    | Petition to revive - unavoidable   |          |
| 141      | 1,280                 | 241      | 640                   | Petition to revive - unintentional   |          |
| 142      | 1,280                 | 242      | 640                   | Utility issue fee (or reissue)   |          |
| 143      | 460                   | 243      | 230                   | Design issue fee   |          |
| 144      | 620                   | 244      | 310                   | Plant issue fee  |          |
| 122      | 130                   | 122      | 130                   | Petitions to the Commissioner  |          |
| 123      | 50                    | 123      | 50                    | Processing fee under 37 CFR 1.17(q)  |          |
| 126      | 180                   | 126      | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 581      | 40                    | 581      | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 146      | 740                   | 246      | 370                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149      | 740                   | 249      | 370                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179      | 740                   | 279      | 370                   | Request for Continued Examination (RCE)                                    |          |
| 169      | 900                   | 169      | 900                   | Request for expedited examination of a design application                  |          |

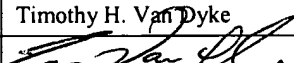
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**0.00**

## SUBMITTED BY

## Complete (if applicable)

|                   |   |                                   |           |           |              |
|-------------------|---|-----------------------------------|-----------|-----------|--------------|
| Name (Print/Type) | Timothy H. Van Dyke   | Registration No. (Attorney/Agent) | 43218     | Telephone | 407-228-0328 |
| Signature         |  | Date                              | 12-3-2001 |           |              |

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